CLAIM AMENDMENTS

IN THE CLAIMS

This listing of the claims will replace all prior versions, and listing, of claims in the application or previous response to office action:

1-23. (Cancelled)

24. (**Currently Amended**) A fluid filter material comprising an oxygen gas plasma-treated polyurethane non-woven porous fabric layer **having a mean pore diameter between 5 and 15 µm**, wherein the polyurethane ~~**is not radiation/graft polymerized**~~ **is not further modified by radiation/graft polymerization after oxygen plasma treatment**.

25. (Previously Presented) The filter material of Claim 36, wherein the oxygen gas plasma-treated polyurethane is more hydrophilic than untreated polyurethane.

26. (Cancelled)

27. (Previously Presented) The filter material of Claim 24, wherein the fabric is operable to selectively leukodeplete a fluid containing platelets when the fluid flows through the fabric.

28. (Original) The filter material of Claim 27, wherein the fabric is operable to remove leukocytes to a degree of at least approximately 2 log from the fluid while removing approximately 20% or less of platelets in the fluid when the fluid flows through the fabric.

29-35. (Cancelled)

36. (Previously Presented) The filter material of Claim 27, wherein the fabric is operable to remove leukocytes to a degree of at least approximately 2 log from the fluid while removing approximately 15% or less of platelets in the fluid when the fluid flows through the fabric.

37. (Previously Presented) The filter material of Claim 24, wherein platelets do not substantially adhere to the oxygen gas plasma-treated fabric.

38. (Previously Presented) The filter material of Claim 24, wherein the oxygen gas plasma-treated fabric comprises pores.

39. (**Cancelled**).

40. (Previously Presented) The filter material of Claim 39, wherein the mean diameter of the pores is approximately 13 μm.

41. (Previously Presented) The filter material of Claim 39, wherein the mean diameter of the pores is approximately 8 μm.

42. (**Currently Amended**) A fluid filter material comprising an oxygen gas plasma-treated polyurethane non-woven porous fabric layer **having a mean pore diameter between 5 and 15 μm**, wherein the oxygen gas plasma-treated polyurethane is more hydrophilic than untreated polyurethane, and wherein the polyurethane ~~**is not radiation/graft polymerized**~~ **is not further modified by radiation/graft polymerization after oxygen plasma treatment**.

43. (Previously Presented) The filter material of Claim 42, wherein the fabric is operable to selectively leukodeplete a fluid containing platelets when the fluid flows through the fabric.

44. (Previously Presented) The filter material of Claim 43, wherein the fabric is operable to remove leukocytes to a degree of at least approximately 2 log from the fluid while removing approximately 20% or less of platelets in the fluid when the fluid flows through the fabric.

45. (Previously Presented) The filter material of Claim 43, wherein the fabric is operable to remove leukocytes to a degree of at least approximately 2 log from the fluid while

removing approximately 15% or less of platelets in the fluid when the fluid flows through the fabric.

46. (Previously Presented) The filter material of Claim 42, wherein platelets do not substantially adhere to the oxygen gas plasma-treated fabric.

47. (Previously Presented) The filter material of Claim 42, wherein a mean diameter of the pores is large enough to allow passage of substantially all platelets in a fluid, but small enough to prevent passage of leukocytes in the fluid.

48. **(Cancelled)**.

49. (Previously Presented) The filter material of Claim 48, wherein the mean diameter of the pores is approximately 13 μm.

50. (Previously Presented) The filter material of Claim 48, wherein the mean diameter of the pores is approximately 8 μm.

51. **(Currently Amended)** A fluid filter material comprising an oxygen gas plasma-treated polyurethane non-woven porous fabric layer **having a mean pore diameter between 5 and 15 μm**, wherein the oxygen gas plasma-treated polyurethane is more hydrophilic than untreated polyurethane, wherein the fabric is operable to selectively leukodeplete a fluid containing platelets when the fluid flows through the fabric, wherein platelets do not substantially adhere to the oxygen gas plasma-treated fabric, and wherein the polyurethane ~~**is not radiation/graft polymerized**~~ **is not further modified by radiation/graft polymerization after oxygen plasma treatment**.

52. (Previously Presented) The filter material of Claim 51, wherein the fabric is operable to remove leukocytes to a degree of at least approximately 2 log from the fluid while removing approximately 20% or less of platelets in the fluid when the fluid flows through the fabric.

53. (Previously Presented) The filter material of Claim 51, wherein the fabric is operable to remove leukocytes to a degree of at least approximately 2 log from the fluid while removing approximately 15% or less of platelets in the fluid when the fluid flows through the fabric.

54. (**Currently Amended**) A fluid filter material comprising an oxygen gas plasma-treated polyurethane non-woven porous fabric layer **having a mean pore diameter between 5 and 15 μm**, wherein the oxygen gas plasma-treated polyurethane is more hydrophilic than untreated polyurethane, wherein the fabric is operable to selectively leukodeplete a fluid containing platelets when the fluid flows through the fabric, wherein platelets do not substantially adhere to the oxygen gas plasma-treated fabric, wherein the oxygen gas plasma-treated fabric comprises pores having a mean diameter of large enough to allow passage of substantially all platelets in a fluid, but small enough to prevent passage of leukocytes in the fluid, and wherein the polyurethane ~~**is not radiation/graft polymerized**~~ **is not further modified by radiation/graft polymerization after oxygen plasma treatment**.